

Appendix D
DESCIM Data Model: airview4
Air Emission Acted Upon Objects

ENTITY NAME	ENTITY DEFINITION	TABLE NAME	ATTRIBUTE (LOGICAL)	ATTRIBUTE (PHYSICAL)	ATTRIBUTE DEFINITION
AIR-EMISSION-SOURCE**	An entity that may produce air emissions.	AIR_EMISSION_SOURC	AIR-EMISSION-SOURCE Identifier**	AIR_EMISSION_SOURC	The identifier that represents an AIR-EMISSION-SOURCE.
			ORGANIZATION Identifier**	ORGANIZATION_Ident	The identifier that represents an administrative structure with a mission.
			Source-Installation	INSTALLATION_Name	The name of the military base or camp.
			ENVIRONMENTAL-INCIDENT Identifier**	ENVIRONMENTAL_INCI	
			Source-Facility	FACILITY_Identifier	The identifier that represents a FACILITY.
			AIR-EMISSION-SOURCE Mobility Code**	AIR_EMISSION_SOURC	The code that represents movement of an AIR-EMISSION-SOURCE.
			AIR-EMISSION-SOURCE Description Text**	AIR_EMISSION_SOURCE_Descriptio	The text that describes the AIR-EMISSION-SOURCE.
ASH-DISPOSAL-OBJECT	Characteristics of ash that is disposed of.	ASH_DISPOSAL_OBJEC	EMISSION-ACTIVITY-PROFILE-OBJECT Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE-OBJECT.
			AIR-EMISSION-SOURCE Identifier**	AIR_EMISSION_SOURC	The identifier that represents an AIR-EMISSION-SOURCE.
			EMISSION-ACTIVITY-PROFILE Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE.
			ASH-DISPOSAL-OBJECT Average Hourly Generation Rate	ASH_DISPOSAL_OBJECT_Average_Ho	The average amount of ash generated in one hour to be disposed of.
			ASH-DISPOSAL-OBJECT Maximum Hourly Generation Rate	ASH_DISPOSAL_OBJECT_Maximum_Ho	The maximum amount of ash generated in one hour to be disposed of.
			ASH-DISPOSAL-OBJECT Average Annual Generation Rate	ASH_DISPOSAL_OBJECT_Average_An	The average annual amount of ash generated to be disposed of.
			ASH-DISPOSAL-OBJECT Maximum Annual Generation Rate	ASH_DISPOSAL_OBJECT_Maximum_An	The maximum annual amount of ash generated to be disposed of.
ASPHALT-PAVING-OCCURRENCE-OBJECT	An object that is paved with asphalt.	ASPHALT_PAVING_OCC	RELEASE-ACTION-OBJECT Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the RELEASE-ACTION-OBJECT.
			AIR-EMISSION-SOURCE Identifier**	AIR_EMISSION_SOURC	The identifier that represents an AIR-EMISSION-SOURCE.
			EMISSION-ACTIVITY-PROFILE Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE.
			RELEASE-ACTION Log Identifier***	AIR_EMISSION_ACTION_OCCURRENCE	The identifier that represents a record of an occurrence of a cause of an air emission.
			ASPHALT-PAVING-OCCURRENCE-OBJECT Type Code	ASPHALT_PAVING_OCCURRENCE_OBJE	The code that denotes the type of ASPHALT-PAVING-OCCURRENCE-OBJECT.
			ASPHALT-PAVING-OCCURRENCE-OBJECT Paved Area	ASPHALT_PAVING_OCCURRENCE_OBJE	The amount of area paved with asphalt.
EMISSION-ACTIVITY-PROFILE***	The cause of an air emission.	EMISSION_ACTIVITY	AIR-EMISSION-SOURCE Identifier**	AIR_EMISSION_SOURC	The identifier that represents an AIR-EMISSION-SOURCE.
			EMISSION-ACTIVITY-PROFILE Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE.
			EMISSION-ACTIVITY-PROFILE Type Code***	AIR_EMISSION_ACTIO	The code that represents the type of EMISSION-ACTIVITY-PROFILE.
			EMISSION-ACTIVITY-PROFILE Operation Code***	AIR_EMISSION_ACTION_Operation_	The code that represents the operation type for the EMISSION-ACTIVITY-PROFILE.
			EMISSION-ACTIVITY-PROFILE Description Text***	AIR_EMISSION_ACTION_Descriptio	The text that describes the EMISSION-ACTIVITY-PROFILE.
EMISSION-ACTIVITY-PROFILE-ASH	An association between an EMISSION-ACTIVITY-PROFILE and an ASH-DISPOSAL-OBJECT,	AIR_EMISSION_ACTIO	AIR-EMISSION-SOURCE Identifier**	AIR_EMISSION_SOURC	The identifier that represents an AIR-EMISSION-SOURCE.
			EMISSION-ACTIVITY-PROFILE-OBJECT Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE-OBJECT.
			EMISSION-ACTIVITY-PROFILE Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE.
EMISSION-ACTIVITY-PROFILE-OBJECT***	That which is acted upon by an EMISSION-ACTIVITY-PROFILE	AIR_EMISSION_ACTIO	EMISSION-ACTIVITY-PROFILE-OBJECT Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE-OBJECT.
			AIR-EMISSION-SOURCE Identifier**	AIR_EMISSION_SOURC	The identifier that represents an AIR-EMISSION-SOURCE.
			EMISSION-ACTIVITY-PROFILE Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE.
			MATERIEL-SERIALIZED-ASSET Identifier**	MATERIEL_SERIALIZED_ASSET_Iden	The identifier that represents a MATERIEL-SERIALIZED-ASSET.
			MATERIEL-SERIALIZED-ASSET Identification Type Code**	MATERIEL_SERIALIZED_ASSET_Iden	The code that represents the kind of unique designation used by a MATERIEL-SERIALIZED-AS
			MATERIEL-ITEM Identifier**	MATERIEL_ITEM_Iden	The identifier that represents a MATERIEL-ITEM.
			EMISSION-ACTIVITY-PROFILE-OBJECT Type Code***	AIR_EMISSION_ACTIO	The code that denotes the type of EMISSION-ACTIVITY-PROFILE-OBJECT.

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ENTITY NAME	ENTITY DEFINITION	TABLE NAME	ATTRIBUTE (LOGICAL)	ATTRIBUTE (PHYSICAL)	ATTRIBUTE DEFINITION
FUEL-LOADING-OBJECT	Characteristics of an object loaded with fuel by an EMISSION-ACTIVITY-PROFILE.	FUEL_LOADING_OBJEC	EMISSION-ACTIVITY-PROFILE-OBJECT Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE-OBJECT.
			AIR-EMISSION-SOURCE Identifier**	AIR_EMISSION_SOURC	The identifier that represents an AIR-EMISSION-SOURCE.
			EMISSION-ACTIVITY-PROFILE Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE.
INCINERATION-WASTE-OBJECT	Characteristics of waste that is incinerated by an EMISSION-ACTIVITY-PROFILE.	INCINERATION_WASTE	EMISSION-ACTIVITY-PROFILE-OBJECT Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE-OBJECT.
			AIR-EMISSION-SOURCE Identifier**	AIR_EMISSION_SOURC	The identifier that represents an AIR-EMISSION-SOURCE.
			EMISSION-ACTIVITY-PROFILE Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE.
			INCINERATION-WASTE-OBJECT Charge Method Code	INCINERATION_WASTE_OBJECT_Char	The code that denotes the method of charging the waste to the incinerator.
			INCINERATION-WASTE-OBJECT Normal Hourly Charge Rate	INCINERATION_WASTE	The normal poundage of waste normally burned in one hour during normal operation.
			INCINERATION-WASTE-OBJECT Maximum Hourly Charge Rate	INCINERATION_WASTE	The maximum poundage of waste normally burned in one hour during normal operation.
			INCINERATION-WASTE-OBJECT Normal Annual Charge Rate	INCINERATION_WASTE	The normal poundage of waste normally burned in one year during normal operation.
			INCINERATION-WASTE-OBJECT Maximum Annual Charge Rate	INCINERATION_WASTE	The maximum poundage of waste normally burned in one year during normal operation.
			INCINERATION-WASTE-OBJECT Average Moisture Percentage Rate	INCINERATION_WASTE	The average moisture content of the waste combusted.
			INCINERATION-WASTE-OBJECT Average BTU Content Rate	INCINERATION_WASTE	The average heat content in BTUs per hour of the waste combusted.
			INCINERATION-WASTE-OBJECT Type Code	INCINERATION_WASTE	The code that denotes the type of INCINERATION-WASTE-OBJECT.
			INCINERATION-WASTE-OBJECT-CATEGORIZATION Category Code	WASTE_OBJECT_CATEG	The code that denotes a subcategory of the waste.
			INCINERATION-WASTE-OBJECT-CATEGORIZATION Method Code	WASTE_OBJECT_CATEG	The code that denotes the method used for characterization of the waste.
INCINERATION-WASTE-OBJECT-CATEGORIZATION	A categorization of waste that is incinerated by an EMISSION-ACTIVITY-PROFILE.	WASTE_OBJECT_CATEG	EMISSION-ACTIVITY-PROFILE-OBJECT Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE-OBJECT.
			AIR-EMISSION-SOURCE Identifier**	AIR_EMISSION_SOURC	The identifier that represents an AIR-EMISSION-SOURCE.
			EMISSION-ACTIVITY-PROFILE Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE.
			INCINERATION-WASTE-OBJECT-CATEGORIZATION Date	WASTE_OBJECT_CATEG	The date of the WASTE-OBJECT-CATEGORIZATION.
			INCINERATION-WASTE-OBJECT-CATEGORIZATION Time	WASTE_OBJECT_CATEG	The time of the WASTE-OBJECT-CATEGORIZATION.
			INCINERATION-WASTE-OBJECT-CATEGORIZATION Normal Weight Percentage Rate	WASTE_OBJECT_CATEG	The normal percentage by weight of this waste object category in the INCINERATION-WASTE-O
			INCINERATION-WASTE-OBJECT-CATEGORIZATION Maximum Weight Percentage Rate	WASTE_OBJECT_CATEG	The maximum percentage by weight of this waste object category in the INCINERATION-WASTE-O
			RELEASE-ACTION-OBJECT Identifier***	AIR_EMISSION_ACTIO	
			AIR-EMISSION-SOURCE Identifier**	AIR_EMISSION_SOURC	The identifier that represents an AIR-EMISSION-SOURCE.
			EMISSION-ACTIVITY-PROFILE Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE.
INCINERATION-WASTE-OCCURRENCE-OBJECT	Waste that is incinerated by a RELEASE-ACTION.	INCINERATION_WASTE	RELEASE-ACTION Log Identifier***	AIR_EMISSION_ACTION_OCCURRENCE	
			EMISSION-ACTIVITY-PROFILE-OBJECT Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE-OBJECT.
			INCINERATION-WASTE-OCCURRENCE-OBJECT Charge Rate	INCINERATION_WASTE_OCCURRENCE_	The poundage of waste burned for this RELEASE-ACTION.
			MATERIEL-ITEM Identifier**	MATERIEL_ITEM_Iden	The identifier that represents a MATERIEL-ITEM.
			MATERIEL-ITEM Type Code**	MATERIEL_ITEM_Type_Code	The code that denotes the type of MATERIEL-ITEM.
MATERIEL-ITEM**	A characterization of a materiel asset.	MATERIEL_ITEM	MATERIEL-ITEM Identifier**	MATERIEL_ITEM_Iden	The identifier that represents a MATERIEL-ITEM.
MATERIEL-ITEM-SUPPLY**	A materiel asset that has been cataloged.	MATERIEL_ITEM_SUPP	MATERIEL-ITEM Identifier**	MATERIEL_ITEM_Iden	
			MATERIEL-ITEM-SUPPLY Identifier**	MATERIEL_ITEM_SUPPLY_Identifie	The identifier that represents a MATERIEL-ITEM-SUPPLY.
			MATERIEL-ITEM-SUPPLY Length Dimension**	MATERIEL_ITEM_SUPPLY_Length_Di	The length dimension for a particular supply type item.
			MATERIEL-ITEM-SUPPLY Width Dimension**	MATERIEL_ITEM_SUPPLY_Width_Dim	The width dimension for a particular supply type item.
			MATERIEL-ITEM-SUPPLY Height Dimension**	MATERIEL_ITEM_SUPPLY_Height_Di	The height dimension for a particular supply type item.

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ENTITY NAME	ENTITY DEFINITION	TABLE NAME	ATTRIBUTE (LOGICAL)	ATTRIBUTE (PHYSICAL)	ATTRIBUTE DEFINITION
MATERIEL-SERIALIZED-ASSET**	A MATERIEL-ITEM that is recognized individually by a uniquely assigned symbolic designation to which the department of defense has lega	MATERIEL_SERIALIZE	MATERIEL-SERIALIZED-ASSET Identifier**	MATERIEL_SERIALIZED_ASSET_Iden	The identifier that represents a MATERIEL-SERIALIZED-ASSET.
			MATERIEL-SERIALIZED-ASSET Identification Type Code**	MATERIEL_SERIALIZED_ASSET_Iden	The code that represents the kind of unique designation used by a MATERIEL-SERIALIZED-AS
			MATERIEL-ITEM Identifier**	MATERIEL_ITEM_Iden	The identifier that represents a MATERIEL-ITEM.
RELEASE-ACTION***	An actual occurrence of a cause of an air emission.	AIR_EMISSION_ACTIO	RELEASE-ACTION Log Identifier***	AIR_EMISSION_ACTION_OCCURRENCE	The identifier that represents a record of an occurrence of a cause of an air emission.
			AIR-EMISSION-SOURCE Identifier**	AIR_EMISSION_SOURC	The identifier that represents an AIR-EMISSION-SOURCE.
			EMISSION-ACTIVITY-PROFILE Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE.
			RELEASE-ACTION Start Date***	AIR_EMISSION_ACTIO	The date when the RELEASE-ACTION started.
			RELEASE-ACTION Start Time***	AIR_EMISSION_ACTIO	The time when the RELEASE-ACTION started.
			RELEASE-ACTION End Date***	AIR_EMISSION_ACTIO	The date when the RELEASE-ACTION ended.
			RELEASE-ACTION End Time***	AIR_EMISSION_ACTIO	The time when the RELEASE-ACTION ended.
			RELEASE-ACTION Begin Temperature***	AIR_EMISSION_ACTIO	The temperature when the RELEASE-ACTION started.
			RELEASE-ACTION Average Temperature***	AIR_EMISSION_ACTIO	The average temperature during the RELEASE-ACTION.
			RELEASE-ACTION End Temperature***	AIR_EMISSION_ACTIO	The temperature when the RELEASE-ACTION ended.
			RELEASE-ACTION-OBJECT Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the RELEASE-ACTION-OBJECT.
RELEASE-ACTION-OBJECT***	That which is acted upon by an RELEASE-ACTION.	AIR_EMISSION_ACTIO	AIR-EMISSION-SOURCE Identifier**	AIR_EMISSION_SOURC	The identifier that represents an AIR-EMISSION-SOURCE.
			EMISSION-ACTIVITY-PROFILE Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE.
			RELEASE-ACTION Log Identifier***	AIR_EMISSION_ACTION_OCCURRENCE	
			MATERIEL-SERIALIZED-ASSET Identifier**	MATERIEL_SERIALIZED_ASSET_Iden	
			MATERIEL-SERIALIZED-ASSET Identification Type Code**	MATERIEL_SERIALIZED_ASSET_Iden	
			MATERIEL-ITEM Identifier**	MATERIEL_ITEM_Iden	The identifier that represents a MATERIEL-ITEM.
			RELEASE-ACTION-OBJECT Type Code***	AIR_EMISSION_ACTIO	The code that denotes the type of RELEASE-ACTION-OBJECT.
			EMISSION-ACTIVITY-PROFILE-OBJECT Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE-OBJECT.
SURFACE-COATING-OBJECT	Characteristics of an object that is surface coated by an EMISSION-ACTIVITY-PROFILE.	ACTED_UPON_EQUIPME	AIR-EMISSION-SOURCE Identifier**	AIR_EMISSION_SOURC	The identifier that represents an AIR-EMISSION-SOURCE.
			EMISSION-ACTIVITY-PROFILE Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE.
			SURFACE-COATING-OBJECT Composition Materiel Code	SURFACE_COATING_OBJECT_Composi	The code that denotes the material composition of the SURFACE-COATING-OBJECT.
			SURFACE-COATING-OBJECT Shape Code	SURFACE_COATING_OBJECT_Shape_C	The code that denotes the shape of SURFACE-COATING-OBJECT.
			SURFACE-COATING-OBJECT Surface Area	SURFACE_COATING_OBJECT_Surface	The area of the surface to be coated.
			SURFACE-COATING-OBJECT Orientation Code	SURFACE_COATING_OBJECT_Orienta	The code that denotes the orientation to the applicator of the object being coated.
			SURFACE-COATING-OBJECT Length Dimension	SURFACE_COATING_OBJECT_Length_	The length of the SURFACE-COATING-OBJECT.
			SURFACE-COATING-OBJECT Height Dimension	SURFACE_COATING_OBJECT_Height_	The height of the SURFACE-COATING-OBJECT.
			SURFACE-COATING-OBJECT Depth Dimension	SURFACE_COATING_OBJECT_Depth_D	The depth of the SURFACE-COATING-OBJECT.
			RELEASE-ACTION-OBJECT Identifier***	AIR_EMISSION_ACTIO	
			AIR-EMISSION-SOURCE Identifier**	AIR_EMISSION_SOURC	The identifier that represents an AIR-EMISSION-SOURCE.
SURFACE-COATING-OCCURRENCE-OBJECT**	An object that is surface coated by an RELEASE-ACTION.	SURFACE_COATING_EV	EMISSION-ACTIVITY-PROFILE Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE.
			RELEASE-ACTION Log Identifier***	AIR_EMISSION_ACTION_OCCURRENCE	
			EMISSION-ACTIVITY-PROFILE-OBJECT Identifier***	AIR_EMISSION_ACTIO	The identifier that represents the EMISSION-ACTIVITY-PROFILE-OBJECT.